



# राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)  
Under Ministry of Education, Government of India



## DEPARTMENT OF ARCHITECTURE AND PLANNING

### ABOUT THE NIT RAIPUR AND THE DEPARTMENT OF ARCHITECTURE AND PLANNING

National Institute of Technology, Raipur (NIT Raipur or NITRR) is a public technical and research university located in Raipur, the capital of Chhattisgarh. Founded in 1956 with two engineering disciplines, namely Mining Engineering and Metallurgical Engineering, the institute focuses exclusively on science, technology, engineering, and architecture.

In the spring of 1984, the Department of Architecture & Planning emerged as a part of the then Government Engineering College (GEC) Raipur with an intake of 20. In 2005, GEC Raipur turned into the National Institute of Technology, Raipur (NIT Raipur). The present intake of the Department is 40. The department stands as a centre of creativity within the NIT Raipur's campus. It is determined to give its best to society, in the form of architects, who would be able to carve out spaces to create build forms as per the needs and requirements of the Society

### DEPARTMENT STRENGTH

The department offers an Undergraduate Program – Bachelor of Architecture (B. Arch.), a Masters Program - M.Tech in Planning (with Specialisation in Urban Planning) and a Doctor of Philosophy – Ph.D., addition to its academic programs, the Department of Architecture and Planning also provides consultancy services for architectural and planning solutions, vetting services and, research and development these services cover areas such as architectural plan preparation, solutions for acoustical issues, illumination, etc., conservation project solutions including adaptive reuse, green building solution, master plan preparation for small to large scale projects, and other planning projects. The Department has experts for conducting thermal, energy, and acoustical analyses of the existing building. The Department has completed consultancy projects for companies like Reliance Pvt. Ltd, many vetting projects for government organizations and planning research projects for organizations like the Ministry of Panchayati Raj, GoI. The team of professionals and experts is committed to delivering high-quality services to clients across various industrial sectors.

### DEPARTMENT RESOURCES

The Department of Architecture and Planning has state-of-the-art lab facilities to conduct complex building simulations for various architectural aspects. These labs are furnished with advanced equipment, including data loggers, universal IAQ meter, total station, etc. Furthermore, they are supported by various cutting-edge software such as Envi-met, Arc GIS, AutoCAD, Revit, Sketchup and many more.

The department's proficient faculty and technical staff are adept at utilizing a diverse range of instruments and software. This proficiency significantly enhances their ability to expedite research and consultancy project progress.

### Key Services of the Architecture and Planning Department

*Architectural Consultancy*  
*Green building analysis and solutions*  
*Building Conservation*  
*Thermal analysis and solutions*  
*Acoustical analysis and solutions*  
*Landscape design*  
*Building energy Audit*  
*Master plan preparation... and many more...*



Scan for details about the Research Profile of NIT Raipur

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